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 Order from LC or SLA mi\$1.80, ph\$1.80 61-15618

Trans. of Akademiya Nauk SSSR. Doklady, 1957,
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Semitransparent metallic layers (Pt, Au, Rh) coated on
 quartz plates, were used in the photoelectric cell, both
 as the front and back electrodes. The dependence of
 E_{∞} upon L is described by the equation $E_{\infty} =$
 $A \ln(1 + BL)$, where A and B are constants. The de-
 pendence of I_0 upon L within the range of the ratio of
 change in illuminance, 1:100, is approximated satis-
 factorily by the equation $I = kL^n$, in which n ordinarily
 equals 0.4 to 0.8. Measurements with interference
 filters showed that maxima E and I_0 coincide approxi-
 mately with the absorption maxima of dyes in the solid
 state.

(Engineering--Electrical, TT, v. 5, no. 7)

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2. Dyes--Electrical
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DESCRIPTORS: *Decanes, Oxidation, *Ketones,
Synthesis (Chemistry), Chromatographic analysis,

A method was developed for separation of the ketones
C₇-C₁₀ and of isomeric decanones with the carbonyl-
group in positions 2, 3 and 4 by means of gas-liquid
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It was shown, that during oxidation of n-decane the
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(Biological Sciences--Pathology, TT, v. 12, no. 1)

TT-64-13913

I. Karzenberg, C. L.
H. K-H-881-v
III. Kresge-Hosmer Science
Library Associates,
Detroit, Mich.

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Occurrence of the Foraminifer *Goniatites nodosulatus* in
the Barnetian Sands of Michigan, by P. Warren, J.
Sinzow.

GERMAN, p. 10, October North-Western IL. K. 1001 1001
Hiss, Vol. LXXIV, Abt. X, No. 1-5, 1876, pp. 272-284.

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Karrer, P., Eugster, C. H., and Patel, D. K.
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SPECIES. [1964] 7p
Order from K-H \$4.20 K-H-2818-a

Trans. of Helv[etia] Chim[ica] Acta (Switzerland)
1949, v. 32, no. 7, p. 2397-2399.

(Biological Sciences--Botany, TT, v. 12, no. 1)

TT-64-12914

- I. Karrer, P.
- II. Eugster, C. H.
- III. Patel, D. K.
- IV. K-H-2818-a
- V. Kresge-Hooker Science
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15p.

Order from K-H \$18.75

K-H 5062-b

Trans. of Helvetica Chimica Acta (Switzerland) 1949,
v. 32, no. 2, p. 436ff.

DESCRIPTORS: Synthesis, Aldehydes, Vitamin A.

62-22485

I. Title: Axerophrene

I. Karrer, P.

II. Karanth, K. P.

III. Benz, J.

IV. K-H-5062-b

V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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(Chemistry--Organic, TT, v. 8, no. 9)

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Enzymatic Dehydrability of Phytanic, Phytanic *61*
and Phytadienic Acid, by R. Karrer, et al.
CHEMAN, per, Helvetica Chim Acta, Vol XXIV, 1941,
pp 384-389.
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The Known Naturally Occurring Carotenoids
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P. Karrer.

GERMAN, per, Naturforschende Gesellschaft
Zuerich. Vierteljahresschrift, Vol 90,
1945, pp 1-36.

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Order from K-H \$8.75 K-H 5268-a

Trans. of Helv[etica] Chm[ica] Acta (Switzerland)
1949, v. 32, p. 1036-1040.

DESCRIPTORS: Vitamin A, Aldehydes, *Methyl
radicals.

(Chemistry--Organic, TT, v. 8, no. 9)

62-22484

- I. Karrer, P.
- II. Karanth, K. P.
- III. Benz, J.
- IV. K-H-5268-a
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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PLANT DYES. IX. IDENTIFICATION OF CRO-
CETIN AND LYCOPENE. [1962] 15p.
Order from K-H \$18.75 K-H 5179-b

Trans. of Helvetica Chimica Acta (Switzerland) 1928,
v. 11, p. 1201-1209.

DESCRIPTORS: *Plants, *Dyes, *Carotenoids,
Identification.

62-22479

- I. Title: Crocetin
2. Title: Lycopine
- I. Karrer, P.
- II. Helfenstein, A.
- III. Widmer, R.
- IV. Title: Identification ...
- V. K-H-5179-b
- VI. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C220104

(Chemistry--Analytical, TT, v. 8, no. 9)

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Karrer, P., Geiger, A. and others.
OPTICALLY ACTIVE PHYTOL [PT. I]. [1962] 12p.
Order from K-H \$15.00 K-H 5629-e

Trans. of Helvetica Chimica Acta (Switzerland) 1943,
v. 26, p. 1741-1750.

DESCRIPTORS: *Alcohols, Decomposition, *Phytol,
Stereochemistry, Optics.

(Chemistry--Organic, TT, v. 9, no. 2)

62-22483

- I. Karrer, P.
- II. Geiger, A.
- III. K-H-5629-e
- IV. Kresge-Hooker Science
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62-22483

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OPTICALLY ACTIVE PHYTOL [PT.] II. [1962] 15p.
Order from K-H \$18.75 K-H 5562-b

Trans. of Helvetica Chimica Acta (Switzerland) 1944,
v. 27, p. 313-316.

DESCRIPTORS: *Alcohols, Decomposition, *Phytol,
Stereochemistry, Optics.

(See also: K-H 5629-e)

(Chemistry--Organic, TT, v. 9, no. 2)

62-22482

- I. Karrer, P.
- II. Simon, H.
- III. Zbinden, E.
- IV. K-H-5562-b
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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OPTICALLY ACTIVE 1-PHYLLOQUINONE (VITA-
MIN K₁). [1962] 5p.
Order from K-H \$6.25 K-H 5629-f

Trans. of Helvetica Chimica Acta (Switzerland) 1944,
v. 27, p. 317-319.

DESCRIPTORS: *Vitamin K, *Quinones, Stereochem-
istry, Optics.

(Chemistry--Analytical, TT, v. 8, no. '2)

62-22480

- I. Karrer, P.
- II. Simon, H.
- III. Zbinden, E.
- IV. K-H-5629-f
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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ON THE CONSTITUTION OF SOME UNSATURATED
COMPOUNDS PREVIOUSLY PREPARED FROM
[B-IONONE]. [1962] 6p.
Order from K-H \$7.50

K-H 5226-c

Trans. of Helvetica Chimica Acta (Switzerland) 1952,
v. 35, p. 2570-2573.

DESCRIPTORS: Chemical analysis, *Ketones, *Ter-
penes, Camphanes.

(Chemistry--Organic, TT, v. 9, no. 2)

62-22481

- I. Karrer, P.
- II. Kehrle, J.
- III. K-H-5226-c
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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Karrer, P., Helfenstein, A. and others.
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LYCOPENE FORMULA. [1962] 7p.

Order from K-H \$8.75

K-H 5179-a

Trans. of Helv[etica] Chim[ica] Acta (Switzerland) 1931,
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DESCRIP.ORS: *Plant pigments, *Dyes, Molecular
structure.

62-22478

- I. Title: Lycopene
- I. Karrer, P.
- II. Helfenstein, A.
- III. Title: Symmetrical ...
- IV. K-H-5179-a
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

62-22478

(Biological Sciences--Biochemistry, TT, v. 9, no. 2)

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Using Minimal Amounts of Substance, by C. F.
Garbers, H. Schmidt, P. Karrer, 4 pp.

GERMAN, per, Helvetica Chimica Acta, Vol LXXVII,
No 4, 1954, pp 1336-1338.

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Karrer, P., Staub, M. and others.
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AND RESERVE CELLULOSE (LICHENIN). [1961]
10p. 38 refs.
Order from SLA \$1.10

61-14016

Trans. of Helvetica Chimica Acta (Switzerland) 1924,
v. 7, p. 144-154.

DESCRIPTORS: *Saccharides, *Cellulose, *Enzymes,
Lichens, *Glycolysis, Hydrolysis, Hydrolases.

I. Karrer, P.
II. Staub, M.
III. Title: Study ...

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Further Animal Experiments on the Problem of the
Prevention of Recurrences in Carcinoma, by Karl
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